

## School of Earth Sciences and Geography Keele University : Weather Data

Lat. 52° 59' 55 N    Long. 2° 16' 05 W :  
OS Grid Ref : SJ 820447; Alt. 179m (587ft) O.D.

### Summary of Climate Data for :-

May 2021

		From norm	Day	Comments
Mean Air Temp (°C)	9.5	-1.1		
Mean Air Maximum (°C)	13.5	-1.1		
Mean Air Minimum (°C)	5.5	-1.0		
Highest Maximum (°C)	20.5		31	
Lowest Maximum (°C)	8.3		4 & 5	
Highest Minimum (°C)	12.1		29	
Lowest Minimum (°C)	0.0		6	
Mean Grass Minimum (°C)	2.5			
Lowest Grass Minimum (°C)	-5.0		2	
Mean Concrete Minimum (°C)	5.6			
Lowest Concrete Minimum (°C)	-0.4		2	
Mean 10cm. Soil Temp (°C)	10.1	-2.2		
Mean 30cm. Soil Temp (°C)	10.5	-0.2		
Mean 100cm. Soil Temp (°C)	9.2	0.5		
Air Frost (days)	0	0		
Ground Frost (days)	8	4		
Ice Days (below 0°C)	0			
Hot Days (over 21°C)	0			
Rainfall (mm)	130.8	68.2		
Days with 0.2mm or more	24	8		
Days with 1.0mm or more	18	6		
Days with 5.0mm or more	6			
Greatest fall in one day (mm)	24.6		21	
Relative Humidity (%)	81			
Sunshine (hours)	68.0	-106.7		
Sunniest Day (hours)	4.1		26	
Days with Nil Sunshine	2	-1		
Mean Barometric Pressure (mb)	No			
Maxima (mb)	Data			
Minima (mb)	Available			

### Supplied by:

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## Summary of Wind Data for :-

May 2021

Force	Total	%	
Hours of Calm	0		
Hours of 10 Knots (12mph) or over	49		
Gusts of 34Knots (39mph) or over	2		
<b>Mean Wind Speed (Knots)</b>	4.9		
	<b>Knots</b>	<b>Date</b>	<b>Time</b>
<b>Highest Hourly Mean Velocity</b>	15	3	17
<b>Highest Gust</b>	37	3	17

## Percentage Time vs Wind Direction

